

# SPring-8 Operation Statistics

Hours

Fiscal Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Machine Time</b>	<b>5,099</b>	<b>4,818</b>	<b>4,952</b>	<b>5,282</b>	<b>5,439</b>	<b>5,286</b>	<b>5,205</b>	<b>5,270</b>	<b>5,259</b>	<b>5,188</b>
<b>Study, Startup, Tuning and others</b>	1,024	762	800	770	831	702	885	830	819	724
<b>User Time</b>	4,058	4,034	4,125	4,479	4,560	4,538	4,309	4,427	4,416	4,436
<b>Down Time</b>	17	17	23	29	43	40	7	10	20	24
<b>Refill</b>		5	4	4	5	6	4	3	4	4

\* Refill which is the part of the User Time in the broad sense appears from FY2015 (Refill is not included on this table till FY2014)

